

SWBAT: define and give examples of frequency

Jan 4-7:20 AM



# Welcome!!!

H. Leslie Grebe  
Physics C-244

SECA Physics  
Monday 6 April 2015



\* Nothing to pick up:

**Opening Question:**

What is something from break that you didn't expect?

Sep 7-7:04 AM

About this class...

- Points
  - PARTICIPATION
  - DAILY 3
  - TESTS / PROJECTS
- Expectations
- Make-up work
- Phones

Centering



Mar 29-7:38 AM

What does FREQUENCY mean (in physics)?

REPEATEDLY  
PATTERN  
TIME

SONAR / RADAR  
OUTER SPACE  
SOUND  
ECHOES  
TOWERS  
RADIO  
VIBRATION

HOW MANY PER UNIT TIME

- 1) Think on your own for a few seconds  
(room is quiet)
- 2) Talk it over with someone near you  
(room is buzzing)
- 3) Share with the class different idea  
(room gives attention to the person sharing)

Jan 31-7:19 AM

Let's test it out...



How many dots (or little slashes) can you make on the paper in 10 seconds?

43 56 62 35 68 2 64 58 61  
44.3 45.6 6.2 3.5 6.8 .2 6.4 5.8 6.1

What about with your other hand?

58 69 53 36 2 42 52 41

Now make up and down squiggles. How many can you make on the paper in 10 seconds?

52 51 51 61 51 56

59  
45

What about with your other hand?

Apr 11-7:36 AM

Brainstorm:

Flip

Different units of time

- one per slip of paper

HOW MANY  
PER UNIT OF TIME

What could have a frequency on that time scale???

HOW MANY YEAR  
(WEEKS) PAYCHECKS BIRTHS DEATHS  
CREDS CAR ACCIDENTS GRADUATIONS

HOW MANY PER DAY  
BATHROOM TRIPS BLINK STEPS  
MEALS TIE SHOE MISSPEAK  
CALORIES TEXTS CUSS WORDS  
"LIKES"

Mar 25-7:44 AM

### Daily 3 Questions

CP: No homework

- \* Every day except test/project days
- \* 3 Questions on the topics of the day
- \* Main source of daily points
- \* I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM